

USE OF HASS AVOCADO (*Persea americana* Mill.) SEED AS A PROCESSED PRODUCT

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Avocado seeds are a waste product in the pulp and oil production and represent, in Hass, about 12% of the fruit weight.

In this study a product was developed that can be used as a snack. Ripe avocado fruits with 11% oil content were deseeded, and the seeds were dried and milled. This milled powder was evaluated, according to its percentages of: dry matter, total solids, lipids, protein, ash fibre, total carbohydrates and calories 100g⁻¹. Then the dry sample was split into two parts. The first part was blended with milled corn at 40 - 60% (avocado-corn). The second part was taken as control and was not mixed. Both treatments were treated in a Wenger X 20 single screw extrusion system. The obtained product was compared with a commercial snack. The yield was 8.4 % and the appearance and adhesion were good. The results are showing a product with water content of 8%, density 212.5 g L⁻¹, water absorption index 6.89 g g⁻¹, solubility in water 4.69 g 100g⁻¹, gelatinization 95.25%. The final product showed low levels of trypsin inhibitors.